

# ON THE MANIFESTATION OF LUNAR PHASES IN THE DYNAMICS OF ACUTE CARDIOVASCULAR PATHOLOGY

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**Abstract.** The paper analyzes the possible impact of lunar phases on the dynamics of acute cardiovascular pathology: acute myocardial infarction (MI) and acute brain stroke (BS) at different levels heliogeomagnetic activity. The method of superimposed epochs is applied. In the keydays are taken new moon and full moon dates. We carry a statistical analysis of 14-year series (1992 to 2005) of everyday medical data and indexes of heliogeomagnetic activity out. One detected that the frequency of days with the MI and the frequency of days with the BS vary with the phase of the moon. These variations are significant, are preserved when changing the level heliogeomagnetic activity and not associated with identified by the same method of variation of geomagnetic activity. Lunar effect for MI and BS manifests itself in different ways. It remains the same for MI on new moon and full moon, but there are significant differences with BS on new moon and full moon.

*Keywords:* heliogeomagnetic activity, moon phases, myocardial infarction, brain stroke.